

REMARKS

This is in full and timely response to the Decision on Appeal mailed on February 16, 2007.

Claims 21-52 are currently pending in this application, with claim 21 being independent.

No new matter has been added.

Reexamination in light of the following remarks is respectfully requested.

Petition

A Petition Under 37 C.F.R. §1.181 to request withdrawal of the holding of abandonment has been filed along with this Amendment.

Timely consideration of this Petition is respectfully requested.

Claim rejections

While not conceding the propriety of the rejections and in order to advance the prosecution of the above-identified application, claims 1-20 have been canceled, rendering the rejection of these claims as moot.

Withdrawal of the rejections is respectfully requested.

Newly added claims

Claims 21-52 - Claims 22-36 are dependent upon claim 21. Claim 21 is drawn to a hand held terminal device comprising:

a modulation/demodulation circuit adapted to demodulate entity information from a signal, said signal being receivable from an information providing medium;

a data port adapted to interface with an external device, said entity information being transferable over said data port to said external device; and

an RF processing section adapted to radiate a radio frequency transmission signal and adapted to receive a radio frequency reception signal.

Claims 38-52 are dependent upon claim 37. Claim 37 is drawn to an information processing system comprising:

the information providing medium attached to an entity; and

the hand held terminal device of claim 21.

U.S. Patent No. 5,367,148 to Storch et al. (Storch) - Storch arguably teaches a product return card (Storch at Figure 1), and a product package (Storch at Figures 2, 3).

- *However, Storch fails to disclose, teach, or suggest any of the features found within claim 21.*

U.S. Patent No. 6,012,641 to Watada - Watada arguably teaches a plastic card 3 (Watada at Figures).

- *However, Watada fails to disclose, teach, or suggest any of the features found within claim 21.*

U.S. Patent No. 6,193,160 to Zembitski - Zembitski arguably teaches a bar code reader 5 and bar codes 60B (Zembitski at Figure 5).

- *However, Zembitski fails to disclose, teach, or suggest any of the features found within claim 21.*

U.S. Patent No. 6,089,456 to Walsh et al. (Walsh) - Figure 1 of Walsh arguably depicts a user device 100 that includes a telephone line interface 110, a microprocessor 114, and a bar code reader 117.

Figure 4 of Walsh arguably depicts a circuit diagram for a handheld low power user device having a cellular telephone interface 410, a microprocessor 414, and a bar code reader 417.

Figure 5 of Walsh arguably depicts a circuit diagram for a handheld low power user device having a cellular telephone interface 510, a microprocessor 514, and a bar code reader 517.

Walsh arguably teaches that in various optional embodiments the CCD scanner circuits of FIGS. 6A and 6B may be substituted for the bar code readers 117, 417 and 517 (supra) (Walsh at column 28, lines 27-30).

Nevertheless, Walsh fails to disclose, teach, or suggest a modulation/demodulation circuit adapted to demodulate entity information from a signal, said signal being receivable from an information providing medium.

- *Moreover, Walsh fails to disclose, teach, or suggest a data port adapted to interface with an external device, the entity information being transferable over the data port to the external device.*

U.S. Patent No. 5,898,370 to Reymond - Reymond arguably teaches that, in a manner well known to those familiar with radio tags, the status of a particular radio tag, such as the tag assembly positioned on meter 220, can be ascertained by directing an electrical radio-frequency

signal generated in a hand held reader-transceiver (i.e., transmitter/receiver) 401 toward the radio tag, and monitoring the radio-frequency signal which is reflected back to reader-transceiver 401 by the radio tag, which, as stated previously, acts as a transponder (Reymond at Figure 5, column 4, lines 13-21).

Reymond arguably teaches that the reader-transceiver 401 is then arranged, in turn to beam or otherwise transmit an output signal indicative of the radio tag status either directly toward remote monitoring site 420, or indirectly toward that site via a mobile transceiver located in a vehicle 403 (Reymond at Figure 5, column 4, lines 27-31).

- Nevertheless, Reymond fails to disclose, teach, or suggest:
 - a data port adapted to interface with an external device, the entity information being transferable over the data port to the external device, along with
 - an RF processing section adapted to radiate a radio frequency transmission signal and adapted to receive a radio frequency reception signal.

U.S. Patent No. 5,959,531 to Gallagher, III et al. (Gallagher) - Gallagher arguably teaches that the receiver circuit 24 demodulates the data from the intelligent tag 28 (FIG. 4) (Gallagher at column 5, lines 8-11).

One important element of the present invention is the optical fiber interface 22 which is used in place of a conventional hardwired interface (Gallagher at Figure 2, column 5, lines 43-45).

The optical transmitter 40 and optical receiver 42 may be physically mounted on respective boards associated with the transceiver module 18 and tag response signal analyzing module 20 as shown in FIGS. 2, 3A and 3B, or they may be external to the boards associated with the transceiver module 18 and tag response signal analyzing module 20 (not shown) (Gallagher at Figure 2, column 5, lines 49-55).

The tag response signal analyzing module 20 may be located in close proximity to the antenna assembly 32 and transceiver module 18, or it may be located remotely with respect to the antenna assembly 32 and transceiver module 18 (Gallagher at Figure 2, column 5, lines 31-36).

- Nevertheless, Gallagher **fails** to disclose, teach, or suggest:
 - *a data port adapted to interface with an external device, the entity information being transferable over the data port to the external device, along with*
 - *an RF processing section adapted to radiate a radio frequency transmission signal and adapted to receive a radio frequency reception signal.*

Allowance of the claims is respectfully requested.

Conclusion

For the foregoing reasons, all the claims now pending in the present application are allowable, and the present application is in condition for allowance.

Accordingly, favorable reexamination and reconsideration of the application in light of the remarks is courteously solicited.

If the Examiner has any comments or suggestions that could place this application in even better form, the Examiner is requested to telephone Brian K. Dutton, Reg. No. 47,255, at 202-955-8753.

Extensions of time

Please treat any concurrent or future reply, requiring a petition for an extension of time under 37 C.F.R. §1.136, as incorporating a petition for extension of time for the appropriate length of time.

Fees

If any fee is required or any overpayment made, the Commissioner is hereby authorized to charge the fee or credit the overpayment to Deposit Account # 18-0013.

Dated: April 16, 2007

Respectfully submitted,

By _____

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